

## PATENT APPLICATION

Do. No. 1941-76

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Jun LIU; Karel DOMANSKY; Xiohong LI; Glen E. FRYXELL;  
Suresh BASKARAN; Nathan J. KOHLER; and Suntharampillai THEVUTHASAN

Serial No. 09/837,885

Examiner: Leanna Roche

Filed: April 18, 2001

Group Art Unit: 1771

For: MESOPOROUS SILICA FILM FROM A SOLUTION CONTAINING  
A SURFACTANT AND METHODS OF MAKING SAME

## BOX FEE AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

OFFICIAL  
FAX RECEIVED  
MAY 28 2002  
GROUP 1700

THIRD PRELIMINARY AMENDMENT

Please amend the application as follows, prior to examination of the application on its merits.

IN THE CLAIMS

Please add the claims as follows:

24. (New) A dehydroxylated mesoporous silica film prepared from a surfactant containing silica precursor solution, wherein dehydroxylation of the porous film comprises the following steps:
- a. exposing said porous film to a silane;
  - b. removing gas-phase and physisorbed species from said porous film.
25. (New) A dehydroxylated mesoporous silica film as recited in claim 24, wherein steps (a) and (b) are performed at least once.
26. (New) A dehydroxylated mesoporous silica film as recited in claim 24, wherein said gas-phase species and said physisorbed species are removed from said porous film by applying a vacuum on said porous film.

Preliminary Amendment/3  
09/837,885

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